

Appl. No. 10/616,710

Reply to Non-Final Office Action dated September 21, 2007

REMARKS

Drawings

The drawings are objected to under 37 CFR 1.83(a), as not showing certain features of the invention, including a tool employing at least one antenna having a set of coils with mutually orthogonal or non-parallel axes. Submitted herewith is a corrected drawing sheet including new FIG. 3A which provides a simplified representation of the use of antennas with coils configured with mutually-orthogonal, non-parallel axes. The Specification has been amended in two places to reflect the addition of FIG. 3A. No new matter is added with the inclusion of FIG. 3A or with the corresponding amendments to the Specification. Acceptance of the corrected drawings is respectfully requested.

Specification

The disclosure is objected to because Applicants' previous submission of a substitute specification did not meet the requirements of MPEP 714 AND 37 CFR 1.125. Applicants re-submit herewith a substitute specification with corrections and markings as required by 37 CFR 1.125. As further required by 37 CFR 1.125, Applicants state that the substitute specification presently submitted does not include any new matter. Acceptance of the substitute specification is respectfully requested.

Claims

Claims 1, 2, 5-10, 12, 13, 15-23, and 25-43 are pending in the application. Claim 12 is canceled by way of the present amendment. No new claims are added. Applicants appreciate the Examiner's indication that independent claim 18 and dependent claims 19-23 and 25-33 are allowed.

Claims 34-38 and 40-43 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Only independent claim 34 required attention to overcome the rejection. Claim 34 has been amended to address the rejection. Accordingly, claims 34-38 and 40-43 are now in condition for allowance. Withdrawal of the rejection of these claims is respectfully requested.

Claims 1, 2, 5-10, 12, 13, and 15 are rejected under 35 U.S.C. 103(a), as being unpatentable over newly cited Zhou (U.S. 5,293,128), in view of newly cited Tabarovsky (U.S.

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6,308,136), or in view of newly cited Tabarovsky in further view of one of Holliday (U.S. 6,534,985), Gao (U.S. 6,393,364), Bittar (U.S. 6,476,609), Mayer (U.S. 4,338,664), Twist (U.S. 5,159, 577), and "Applicants Admitted Prior Art (AAPA)."

Applicants appreciate the Examiner's indication that dependent claim 12 would be allowable if rewritten in independent form. Claim 1 has been amended to incorporate all of the limitations of dependent claim 12. Each of amended claim 1 and dependent claims 2, 5-10, 13, and 15 is, therefore, patentable over the cited references.

In view of the foregoing, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue.

The Commission is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 190610.

The undersigned is available for consultation at any time, if the Examiner believes such consultation may expedite the resolution of any issues.

Date:

12/19/2007

Respectfully submitted,



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